

OPERATIONAL OBJECTIVE CAMERA CHARACTERISTICS

— Pre 1 —

1. Configuration Panoramic 25X1A
2. Lens Type 24" f/3.5 Petzval
3. Film Type SO-132 (Basic)
4. Format Size 2.25" X 31.6"
5. Dynamic Resolution 120 1/mm (Low Contrast - SO-132)
6. Ground Resolved Distance 10" SO-132 AT 1/550 SEC.
7. Stero Angle 20 - 30°
8. Lateral Coverage 70 Degrees (17.1) Nautical Miles
AT K+20,000 Ft.
9. Forward Coverage/Frame AT K+20,000 Ft. = ^{1.05} ~~9.5~~ Nautical Miles
10. Percent Overlap 10%
11. Total Forward Coverage
W/20" Dia Spools ³⁰⁰⁰ ~~2000~~ Nautical Miles / ^{instead}
W/22" Dia Spools ⁴⁰⁰⁰ ~~5260~~ Nautical Miles / ^{instead}
22
12. Total Area Coverage
W/20" Dia Spools 45,500⁺ Sq. Nautical Miles
W/22" Dia Spools ~~91,000~~ Sq. Nautical Miles
13. Number of Frames
W/20" = ~~2000~~ 3100
W/22" = ~~5400~~ 4000
10,000ft 22' spool.
14. Film Length ~~8,000~~ Possibly 14,000
15. Weight of Camera with Film 450 - ~~500~~ Pounds
16. Power Required 600 Watts Max. at 28VDC.
20 Watts Max. at 115 Volts 400 Cycles

SPECIAL HANDLING

SINGLE

25X1A

TAKEUP - 1 AMP. MAX. AT 28VDC.

SUPPLY - 1 AMP. MAX. AT 28VDC.

SERVO SYSTEM - 6 AMI. MAX. AT 28VDC.

CONTROL SYSTEM - 2 AMP. MAX. AT 28VDC.

MAG. AMP. - 10 WATTS, 115 VOLTS, 400 CYCLES

TOTAL

AT 28VDC. - 300 WATTS

AT 115 VOLTS, 400 CYCLES - 10 WATTS

DOUBLE

28VDC - 600 WATTS MAX.

115-400 CYCLES - 20 WATTS MAX.

SPECIAL HANDLING